

SYSTEM AND METHOD FOR GENERATING PROGRAMMABLE TRAPS
FOR A COMMUNICATIONS NETWORK

ABSTRACT

A method is provided that issues custom traps for a network containing disparate network devices. In the method, a custom trap is stored in a network manager. The custom trap includes a triggering condition for a selected device among the network devices. The network manager monitors the selected device to detect whether the triggering condition has been met. In response to detecting that the triggering condition has been met, the network manager automatically issues the custom trap. In an example embodiment, the network manager stores the custom trap in a Simple Network Management Protocol (SNMP) agent, and the SNMP agent automatically issues the custom trap to an administrative workstation. The custom traps may be used to send uniform traps for network devices to an administrative workstation, despite differences in trap configurations, if any, in the network devices.